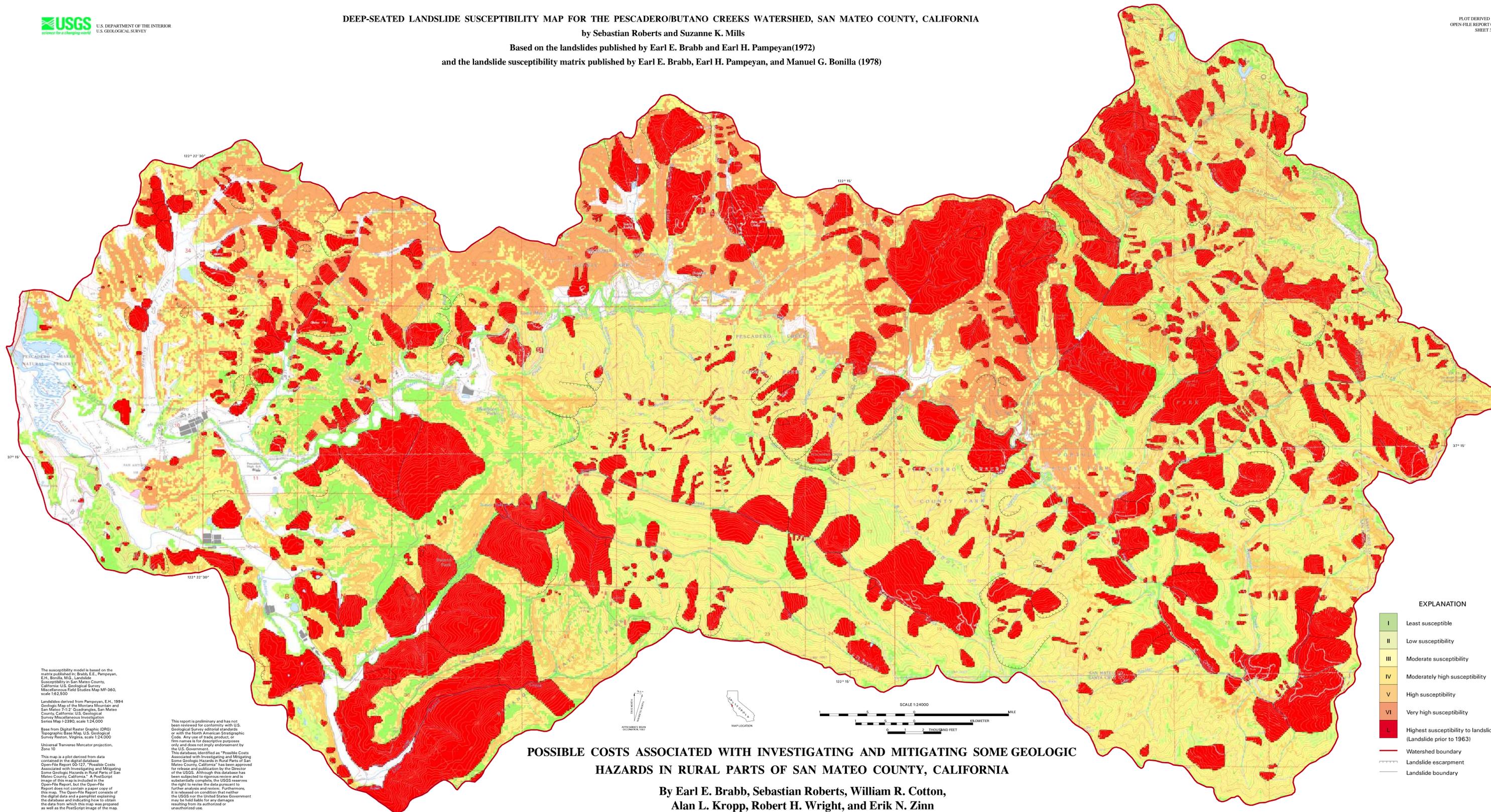


DEEP-SEATED LANDSLIDE SUSCEPTIBILITY MAP FOR THE PESCADERO/BUTANO CREEKS WATERSHED, SAN MATEO COUNTY, CALIFORNIA

by Sebastian Roberts and Suzanne K. Mills

Based on the landslides published by Earl E. Brabb and Earl H. Pampeyan(1972)

and the landslide susceptibility matrix published by Earl E. Brabb, Earl H. Pampeyan, and Manuel G. Bonilla (1978)



The susceptibility model is based on the matrix published by Brabb, E.E., Pampeyan, E.H., Bonilla, M.G. Landslide Susceptibility in San Mateo County, California: U.S. Geological Survey Miscellaneous Field Studies Map MF-380, scale 1:82,500.

Landslides derived from Pampeyan, E.H., 1984 Geologic Map of the Montara Mountain and San Mateo 7.12 Quadrangle, San Mateo County, California: U.S. Geological Survey Miscellaneous Investigations Series Map I-2390, scale 1:24,000.

Base from Digital Raster Graphic (DRG) Topographic Base Map: U.S. Geological Survey Reston, Virginia, scale 1:24,000.

Universal Transverse Mercator projection, Zone 10.

This map is a plot derived from data contained in the digital database Open-File Report 00-127, "Possible Costs Associated with Investigating and Mitigating Some Geologic Hazards in Rural Parts of San Mateo County, California." A PostScript image of this map is included in the Open-File Report, but the Open-File Report does not contain a paper copy of this map. The Open-File Report consists of the digital data and a paragraph explaining the database and indicating how to obtain the data from which this map was prepared as well as the PostScript image of the map.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards, or with the North American Geologic Code. Any use of trade product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

This database, identified as "Possible Costs Associated with Investigating and Mitigating Some Geologic Hazards in Rural Parts of San Mateo County, California," has been approved for release and publication by the Director of the USGS. Although the database has been subjected to rigorous review and is substantially complete, the USGS reserves the right to revise the data pursuant to further analysis and review. Furthermore, it is released on condition that neither the USGS nor the United States Government may be held liable for any damages resulting from its authorized or unauthorized use.

EXPLANATION

- I Least susceptible
- II Low susceptibility
- III Moderate susceptibility
- IV Moderately high susceptibility
- V High susceptibility
- VI Very high susceptibility
- L Highest susceptibility to landsliding (Landslide prior to 1963)
- Watershed boundary
- Landslide escarpment
- Landslide boundary

POSSIBLE COSTS ASSOCIATED WITH INVESTIGATING AND MITIGATING SOME GEOLOGIC HAZARDS IN RURAL PARTS OF SAN MATEO COUNTY, CALIFORNIA

By Earl E. Brabb, Sebastian Roberts, William R. Cotton,
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2000